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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/625,795	07/23/2003	Kenneth L. Conaway		9016

7590 06/04/2004
Kenneth L. Conaway
1610 Avenue N
Council Bluffs, IA 51501

EXAMINER

TRETTEL, MICHAEL

ART UNIT	PAPER NUMBER
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3673

DATE MAILED: 06/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/625,795

Applicant(s)

CONAWAY ET AL.

Examiner

Michael Trettel

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

This application has been filed with informal drawings which are acceptable for examination purposes only. Formal drawings will be required when the application is allowed.

Claim Rejections - 35 USC § 112

Claims 1 to 8 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 recites the limitation "the unitary resinous constructions" in line 23. There is insufficient antecedent basis for this limitation in the claim.

Claim 2 recites the limitation "the respective tongue-and-groove mateable configurations" in lines 1 and 2. There is insufficient antecedent basis for this limitation in the claim.

Claim 3 recites the limitation "said tongue-and-groove mateable configurations" in line 2. There is insufficient antecedent basis for this limitation in the claim.

Claim 6 recites the limitation "said tongue-and-groove mateable configurations" in line 2. There is insufficient antecedent basis for this limitation in the claim.

Claim 8 recites the limitation "said tongue-and-groove removably interlocking mattress-cornerwise intersection" in lines 2 and 3. There is insufficient antecedent basis for this limitation in the claim.

In line 6 of claim 1 the use of quotations and capitalized material is objected to, since it

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implies that there is some special meaning to be attached to this phrase.

The last four lines of claim 1 do not make clear sense, they are difficult to parse and could be easily misinterpreted.

In line 26 of claim 1 "trans" should be deleted.

In line 3 of claim 3 the phrase "at oppositely disposed uprightly" does not make sense and is not understood.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 to 8, as best understood, are rejected under 35 U.S.C. 102(b) as being anticipated by Olson (4,998,310). Olson shows a knockdown air mattress assembly that includes a polyurethane foam surrounding boundary frame C. The frame C includes longitudinal frame rails formed by interlocked segments 40a, 40b, and 42a, 42b which have a rectangular cross sections. Similar transverse end rails are formed by segments 44a, 44b and 46a, 46b. The intersections of the transverse rails and longitudinal rails are formed with interlocking tongue and groove joints F which include a rounded projection extending from the side rail ends each of which engage a complementary recess formed in the end of the cross rail.

Conclusion


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The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Larkin, Wride et al, Gaboury et al, Keefer, and Saputo show knockdown bedframes which are of general interest.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Trettel whose telephone number is 703-308-0416. The examiner can normally be reached on Monday, Tuesday, Thursday, or Friday from 7.30 am to 5.00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Shackelford, can be reached on (703) 308-2978. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1113.


Michael Trettel
Primary Examiner
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